OFFICE COPY

Index Volume XXXV 1963

CACTUS & SUCCULENT JOURNAL

of the

Cactus and Succulent Society of America, Inc.

Names of plants are spelled as given in the author's copy. The JOURNAL has made every attempt to assure accuracy of all names used, but does not guarantee them to be so. Items in CAPITAL LETTERS indicate the title of a feature article. Page numbers in bold type indicate an illustration of the item named. Casual references are not indexed.

A

ADDITIONAL NOTES ON JASMINOCEREUS HOWELLII 42
Aechmea calyculatea 46
coerulescens 45, 46
AFFILIATE COLUMN, 25, 66, 98, 137, 197
Affiliates as of January 34, 101
Alcorn, S. M. 43
Alles, Dr. Gordon A. 62
Aloe parvula 11
Anderson, Edward F. 101, 138
Ariocarpus agavoides 138, 139, 140, 144
AGAVE, A CRESTED 198
AGAVES IN THE SOUTH-WESTERN UNITED STATES, CULTIVATED, 14, 49, 74, 120, 149, 173
Agave applanata 51
aurea 122
colorata 13
deserti variations 150
flexispina 121
goldmaniana 49
gracilipes 121
longisepala 14
margaritae 174
orcuttiana 16
pachyacantha 16
parrasana 74
parryi 74
parryi forma *integrifolia* forma nova 76
parryi var. *huachucensis* 76
patoni 76
promontorii 122
scabra 51
sebastiana 49
shawii 16
shawii, crested 198, 199
shrevei 15
sobria var. *roseana* 173
sobria variations 151
weberi 174
Agaves in Sarasota Garden 13
Arizona cacti 133
Artificial light, 32
Astroloba pentagona 146

B

Barad, Dr. Gerald and Queen 63
Billbergia calophylla 46
intermedia 46
pyramidalis 46
zebrina 46
Biological Control of *Opuntia megacantha*, 84
Birmingham Botanical Gardens 207
Boke, Norman H. 3
BOLIVIAN CACTI, NEW 157, 200
Borzicactus madisoniorum sp. nov. 167, 168-172
Botanical Garden, Manazuru 71
BOTANICAL NAMES 48
Bravo, Helia H. 107
Breitung, August J. 14, 49, 74, 120, 149, 173
Bromeliads 45, 46, 47
Brown, J. R. 11, 60, 78
Butterfield, H. M. 85

C

California Academy of Sciences, New Director 197
Cardenas, M. 157, 200
Calymmanthium substerile 44
Carnegiea gigantea 43
Cartoons, 10, 77, 94
CACTI, A FLYING TRIP FOR 71
CACTI AND SUCCULENTS OBSERVED IN FOUR WESTERN STATES, AN ACCOUNT OF 131
Cacti in Costa Rica 31
Cactus and Succulent Society of America Annual Meeting 162, 166
Cactus Crimes 17
Cactus People are Industrious 63
Cereus xanthocarpus 126
CEREUSLY SPEAKING 85, 148, 175
Chessin, M. 26
CHROMOSOMES AND PHYLOGENY OF THE CRASSULACEAE 80
Cleistocactus mendozae sp. nov. 202
viridialabastri sp. nov. 202
vulpis-cauda 44
Cochemiea pondii 73
Colorado Cacti 131
Conophytum cupreiflorum 129
Conservation of cacti 10, 56
CONVENTION—REPORT ON THE TENTH BIENNIAL 147
Convention, Bi-ennial 59, 70
Correction by Krainz 192
Crassula susannae 44
Culture:
Carnegiea gigantea 52
Cereusly Speaking 85, 148, 175
Round Robins 29, 41, 92, 106, 156, 165
Seeds 43
Cutak, Ladislaus 31, 95, 207

D

Dawson, E. Yale 42, 107, 206
DESERT FLOWERS UNDER GLASS 19, 45, 87, 117, 145, 194
Do you remember? 130
Dyer, R. A. 90

E

Eccremocactus 31
imitans 95
ECHEVERIA NUDA LINDLEY 99
ECHEVERIA VALVATA, A NEW SPECIES FROM THE STATE OF MEXICO, AND THE VALVATAE, A NEW SERIES 152
Echeveria globuliflora 2
nuda, 99, 100
valvata sp. nov 152, 153, 154, 155
Echinocactus horizonthalonius 136
ECHINOCEREUS TAYOPENSIS 22
Echinocereus tayopensis 23, 24
triglochidiatus 132
triglochidiatus var. *melanacanthus* 132
stoloniferus 24
Echinopsis lecoriensis sp. nov 159, 200
sucrensis sp. nov. 201
Epiphyllum ackermannii 195
Epiphyllum hybrids 195
Epiphytic cacti 19, 95, 194
EUPHORBIA POLYCEPHALA 90, 91

F

Ferocactus chrysacanthus 73
FROST, INFRA-RED LAMPS, A PROTECTION AGAINST 163

G

Grusonia wrightiana 67, 68-70

H

Haworthia angustifolia 146
asperula 88
attenuata 146
coarctata 118
cymbiformis 88
fasciata 146
glabrata 146
glauca 118
greenii 118
greenii forma *greenii* 62
greenii forma *minor* 61
greenii forma *pseudocoarctata* 62
haageana 88
heidelbergensis 60
luteorosea 88
maraisii 88
maughanii 88
mirabilis 61
musculina 118
obtusa 88
radula 146
recurva 118
reinwardtii 118
resendeana 118
retusa 88
schuldtiana 88
setata 88
starkiana 118
tessellata 88
tortuosa 118
turgida 88
variegata 146
viscosa 118
HAWORTHIAS, NOTES ON 60
Henry Shaw Cactus Society Show 207
Hertrich, William 1, 97, 123
Higgins, Donna 57
HUNTINGTON BOTANICAL GARDENS 123
Hutchison, Paul 167
Hylocereus calcaratus 95

I

I. S. I. Offering of Plants 58, 59

ICONES PLANTARUM SUCCULENTARUM 167
Infra-Red Lamps for Frost 163
INTERESTING SUCCULENTS 11, 78

J

JASMINOCEREUS HOWELLII, ADDITIONAL NOTES ON 42
Johnson, Harry 52, 203
Johnsons Catalog 34
Jump, John A. 102

K

Kaku, Tokushiro 71
Kalmbacher, George 48
Kimnach, Myron 1, 2, 123, 203
Kirstenbosch National Botanic Gardens 207
Kurtz, E. B. 43

L

LAPIDARIA MARGARETAE, CAPSULE MORPHOLOGY AND SEED DISPERSAL OF 102
Lapidaria margaretae 102, 103
Lemaireocereus aragonii 31
Lewis, Richard 163
Lindsay, George 18, 71, 177, 197
LOPHOCEREUS, THE GENUS 177
Lophocereus gatesii 189 191
schottii 178,
schottii forma *mieckleyanus* forma nova 184, 185
Lophocereus schottii forma monstrosus 183
schottii var. *australis* 186 187
schottii var. *schottii* 179, 181
schotti var. *tenuis* var. nov. 187 188, 190
Lousy Root Louse 57

M

MacDougall, Thomas 107, 193
MACHAEROCEREUS IN SONORA 18
Machaerocereus gummosus 18
Madagascar Aloe 11
Mammillaria compressa 124
geminispina 127
Mammillaria Society 106
Manfreda gigantea 46
Martin, Virginia 85, 147, 148, 175
MEXICO SIDELIGHTS 53
Mitich, Larry W. 131
Moran, Reid 35, 65, 66, 69, 152
Morphology and Seed Distribution 102
MUTATION OF SUCCULENTS, VIRUSES MAY BE A FACTOR 85

N

Narcotics 17
NEODAWSONIA, A REVISION OF THE GENUS 107
Neodawsonia, apicicephalium 110, 111, 112
nizandensis 113, 114
totolapensis 107, 108, 109
NEOGOMESIA, A STUDY OF THE PROPOSED GENUS 138
Neogomesia agavoides 138, 139, 140
Neoregelia spectabilis 46
Neumann, Dan 44
New Books:
Cactaceae Reprint—Marshall & Bock 160
Cacti of San Diego County—Lindsay 128
Cacti of the Southwest, Earle 64
Desert Wildflowers in Natural Color—Dodge 160
Exotica III—Graf 119
Illustrated Reference on Cacti and Other Succulents—Lamb 160
Plant Taxonomy—Methods and Principles—Benson 128
New Forms:
Agave parryi forma *integrifolia* Breitung 76
Lophocereus schottii forma *mickleyanus* Lindsay 184, 185
New Plant Descriptions 44
New Species:
Borzicactus madisoniorum Hutchinson 167, 168-172
Cleistocactus mendozae Card. 202
Cleistocactus viridialabastri Card. 202
Echeveria valvata Moran 152, 153
Echinopsis lecoriensis Card. 159
Echinopsis sucrensis Card. 201
Pachyphytum glutinicaule Moran 37
Trichocereus escayachensis Card. 157
Trichocereus randallii Card 158
Weberocereus trichophorus Johnson & Kimnach 204, 205
Lophocereus schottii var. *tenuis* Lindsay 187, 188, 190
New York Cactus and Succulent Society 10
Nopalea cochenillifera 95
Nopalxochia phyllanthoides 195
Notocactus haselbergii 161

O

OPUNTIA WRIGHTIANA, THE DISTRIBUTION OF 67
Opuntia imbricata 132
kleiniae 132
monacantha 26
phaeacantha 132
spinosior 134
wrightiana 68, 69
Othonna herrei 78

P

PACHYPHYTUM BREVIFOLIUM AND P. GLUTINICAULE, A NEW SPECIES FROM HIDALGO, MEXICO 35
Pachycormus discolor 73
Pachyphytum bracteosum 39
Pachyphytum brevifolium 35, 36
glutinicaule Moran, sp. nov. 37, 38, 39
Panis, Gladys 29, 41, 92, 106, 156, 165
Parrish, Chris 22
PERESKIA, GENUS IN MEXICO 3
Pereskia aculeata 3
autumnalis 4
conzattii 4
lychnidiflora 3
nicoyana 4, 31
pititache 3-9
tampicana 3
zinniaeflora 3
Pereskiopsis 4
Pests 57
Opuntia megacantha 84
Peyote arrests 17
Plants Used for Food by Man 57
Poellnitziana rubriflora 146
President's Report 13, 59, 710, 130, 162
Publications:
Cactaceas y Succulentas Mexicanas 21

Q

QUESTIONS AND ANSWERS 52

R

Rhipsalidopsis rosea 20
Rhipsalis collection 33
RITTEROCEREUS CHACALAPENSIS AND BRITTON AND ROSE 193
Rodgers, John E. C. 85, 148, 175
ROUND ROBIN NOTES 29, 41, 92, 106, 156, 165

S

SAGUAROS, FROM LITTLE SEEDS GROW 43
San Diego Natural History Museum, New Director 206
SARASOTA SUCCULENT SOCIETY 12
Sclerocactus whipplei 132
Schlumbergera 21
Selenicereus wercklei 31
Shields, Marjorie E. 19, 45, 87, 117, 145, 194
Skinner, Don 166
Skinner, Murray 25, 34, 66, 98, 137, 197
Snow flakes and cacti 63
SPINE CHATS 31, 95, 207

T

Taylor, Edward S. 13, 59, 70, 130, 162
Texas cacti 135
Travelogue:
Mexico sidelights 53
Flying Trip for Cacti 71
Costa Rica-Jamaica 31, 95
Cacti and Succulents in four western states 131

Trichocereus escayachensis sp. nov. 157
fulvilanus 44
randallii sp. nov 158

U

Uhl, Charles H. 80
University of California Sixth Botanical Garden Expedition to the Andes 167

V

VIRUSES, CACTI TOO HAVE 26

W

Wales, From 30
Watling, D. E. 10
Weberbauerocereus churinensis 44
johnsonii 44
longicomus 44
winterianus 44
winterianus var. *australis* 44
WEBEROCEREUS TRICHOPHORUS, A NEW SPECIES FROM COSTA RICA 203
Weberocereus biolleyi 205
panamensis 205
trichophorus sp. nov. 204, 205
tunilla 205
Wellbaum, Mildred 53
Werckleocereus imitans 95
Wiggins, Ira L. 67, 198
Winteria aurespina 44

Y

Yucca carnerosana 134
thompsoniana 134

Z

Zygocactus 19
rosea 19
rushii 20
truncatus 19